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NOTICE OF ALLOWANCE AND FEE(S) DUE

42419 7590 09/23/2009

PAULEY PETERSEN & ERICKSON
2800 WEST HIGGINS ROAD
SUITE 365
HOFFMAN ESTATES, IL 60169

EXAMINER	
HOFFBERG, ROBERT JOSEPH	
ART UNIT	PAPER NUMBER
2835	

DATE MAILED: 09/23/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/572,998	03/23/2006	Martin Lang	VO-749	9030

TITLE OF INVENTION: MOUNTING PLATE FOR ELECTRONIC COMPONENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1510	$300	$0	$1810	12/23/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

42419 7590 09/23/2009

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/572,998	03/23/2006	Martin Lang	VO-749	9030

TITLE OF INVENTION: MOUNTING PLATE FOR ELECTRONIC COMPONENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1510	$300	$0	$1810	12/23/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
HOFFBERG, ROBERT JOSEPH	2835	361-688000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☐ Issue Fee

☐ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**

☐ A check is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/572,998	03/23/2006	Martin Lang	VO-749	9030

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EXAMINER	
HOFFBERG, ROBERT JOSEPH	
ART UNIT	PAPER NUMBER
2835	

DATE MAILED: 09/23/2009

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 549 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 549 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability	Application No.	Applicant(s)	
	10/572,998	LANG ET AL.	
	Examiner	Art Unit	
	ROBERT J. HOFFBERG	2835	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *9/14/09*.

2. ☒ The allowed claim(s) is/are *1,3-9,11,13-20 and 22-27*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☒ All b) ☐ Some* c) ☐ None of the:
      1. ☒ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date See attached.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/ROBERT J HOFFBERG/
Examiner, Art Unit 2835

9/18/09

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mark Swanson, Reg. No. 48,498 on 9/18/09.

3. Amend the Substitute Specification as follows:

   a. Page 10, line 15, change "26" to --29--;

   b. Page 11, line 10, change "B" to --B'--;

   c. Page 11, line 15, change "34" to --35--; and

   d. Page 15, line 16, change "24.6" to --26.4--.

4. The following changes to the drawings have been approved by the examiner and agreed upon by applicant: in figure 1, change element 26 to element 29 and in figure 2, change element 34 to element 35 (see drawing objection below). In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

5. Amend claims 1, 3-5, 13, 15, 17, 18, 20, and 23-27 as follows:

Claim 1: A mounting plate (10) for electronic components (12) having cooling conduits (16, 18) integrated in a plate body (14) for a cooling medium to flow through, wherein a fastening arrangement for mounting the electronic components is arranged on the plate body (14), the mounting plate comprising: the fastening arrangement

having at least one holding element (25, 26) with a fastening screw thread (25.3, 26.5) and at least one of a first groove (20) or a first rib, to be undercut, extending in a straight line in an extension direction (A) of the mounting plate (10), and into which the at least one holding element (25, 26) is insertable for fixing [[the]] an electronic component (12) in place, wherein the at least one holding element is embodied as a groove insert (26) which includes a base part (26.1) insertable into the first groove (20), a top part (26.2) protruding from the first groove (20) and a fastening section (26.4) protruding transversely from the top part (26.2) and spaced apart from a mounting level of the mounting plate (10) and the fastening section (26.4) includes at least one threaded bore (26.5) into which an attachment screw (34) can be rotated for fixing the electronic component (12) in place; the fastening arrangement having at least one of a second groove (22) or a second rib similar to the first groove (20) or the first rib and extending parallel with respect to the first groove (20) or the first rib, with a distance (B') from the first groove (20) or rib substantially determined by a length of extension (B) of the electronic component (12) to be mounted, which runs perpendicularly with respect to the first or second grooves (20,22) or the first or second ribs; the fastening arrangement having at least one of a further groove (24) or a further rib extending parallel with the second groove (22) or the second rib, similar to the first groove or the first rib (20) and the second groove (22) or the second rib, which extends along the side ([[26]]29) of the second groove (22) or the second rib facing away from the electronic component to be mounted at a distance (C) which is less than the distance (B) between the first groove (20) or the first rib and the second groove (22) or the second rib, wherein at least one of

the first groove (20), the second groove (22) or the [[next]] further groove (24) is embodied in one piece with the plate body; wherein the electronic components (12), which have screw holes, can be fastened by screws ([[28]]33, 34) directly on the holding elements (25, 26) inserted into the grooves (20, 22, 24) or the ribs, or can be fixed in place by strip-like holding elements (27, 28), which are attached one of indirectly and directly to the holding elements (25,26); the fastening arrangement comprising at least one angled sheet metal piece (30), and the electronic components (12) having holes with a spacing between each other that is one of less than the distance (B) between the second groove (22) and the first groove (20), and less than the distance of the [[next]] further groove (24) from the first groove (20), can be clampingly fixed in place at least on one side by an angled sheet metal piece (30) with at least one screw (32) engaging a spring nut inserted into a corresponding groove (22), the angled sheet metal piece (30) having a flat base plate ([[34]]35) for placement against the mounting plate (10), a clamping area (36), which is angled with respect to it, for the clamping fixation of the electronic component (12) to be mounted, and at least one elongated hole (38) which extends perpendicularly (D) with respect to the direction (A) of extension of the second groove (22) or the still further groove (24), for receiving the screw (32); the fastening arrangement comprising at least one holding element that is a sliding block (25) with a base part (25.1) which can be pushed into one of the groove (20, 22, 24), and a top part (25.2) protruding from the groove (20, 22, 24), and a threaded bore (25.3) is arranged in the top part (25.2) in a normal direction with respect to the mounting level, on which a holding for the electronic component (12) can be screwed in place; and the fastening

arrangement comprising at least one holding strip (27) which can be arranged transversely with respect to the grooves (20, 22, 24) and is dimensioned to span the distance between two of the grooves (20, 22; 20, 24) and can be fixed in place in end sections on both sides by threaded bores (25.3, 26.3) [[in end sections on both sides]] in at least one of the sliding blocks (25) and the groove inserts (26) pushed into the respective grooves (20, 22, 24).

Claim 3: The mounting plate in accordance with claim 27, wherein the fastening arrangement has at least one of a further groove (24) or a further rib extending parallel with the second groove (22) or the second rib, similar to the first groove or the first rib (20) and the second groove (22) or the second rib, which extends along the side ([[26]]29) of the second groove (22) or the second rib facing away from the electronic component to be mounted at a distance (C) which is less than the distance (B) between the first groove (20) or the first rib and the second groove (22) or the second rib.

Claim 4: The mounting plate in accordance with claim 3, wherein the electronic components (12), which have screw holes, can be fastened by screws ([[28]]33, 34) directly on the holding elements (25, 26) inserted into the grooves (20, 22, 24) or the ribs, or can be fixed in place by the at least one holding strip attached one of indirectly and directly to the holding elements (25, 26).

Claim 5: The mounting plate in accordance with claim 4, wherein the fastening arrangement comprises at least one angled sheet metal piece (30), and the electronic components (12) having holes with a spacing between each other that is one of less than the distance (B) between the second groove (22) and the first groove (20), and

less than the distance of the [[next]] further groove (24) from the first groove (20), can be clampingly fixed in place at least on one side by an angled sheet metal piece (30) with at least one screw (32) engaging at [[a]] the holding element inserted into the corresponding groove (22).

Claim 13: The mounting plate in accordance with claim 27, wherein at least one strip-like bridge (28) is displaceably insertable at a distance from the mounting level between two holding strips (27), which are arranged on both sides of the electronic component (12) parallel with respect to each other, and has bores (28.1) by which the electronic component (12) can be fixed in place at a base (12.1) by at least one attachment screw.

Claim 15: The mounting plate in accordance with one of claim 14, wherein at least one of the holding strip (27) and the bridge (28) has a row of threaded bores (27.1, 28.1) or a row of fastening holes.

Claim 17: The mounting plate in accordance with claim 27, wherein the electronic components (12), which have screw holes, can be fastened by screws ([[28]]33, 34) directly on the holding elements (25, 26) inserted into the grooves (20, 22, 24) or the ribs, or can be fixed in place by the at least one holding strip (27).

Claim 18: The mounting plate in accordance with claim 27, wherein the fastening arrangement comprises at least one angled sheet metal piece (30), and the electronic components (12) having holes with a spacing between each other that is one of less than the distance (B) between [[a]] the second groove (22) and the first groove (20), and less than the distance of a [[next]] further groove (24) from the first groove (20), can be

clampingly fixed in place at least on one side by an angled sheet metal piece (30) with at least one screw (32) engaging at [[a]] the holding element inserted into the corresponding groove (22).

Claim 20: The mounting plate in accordance with claim 27, wherein at least one of the first groove (20), [[a]] the second groove (22) and a [[next]] further groove (24) are embodied in one piece with the plate body.

Claim 23: A mounting plate (10) for electronic components (12) having cooling conduits (16, 18) integrated in a plate body (14) for a cooling medium to flow through, wherein a fastening arrangement for mounting the electronic components is arranged on the plate body (14), the mounting plate comprising: the fastening arrangement having at least one holding element (25, 26) with a fastening screw thread (25.3, 26.5) and at least one of a first groove (20) or a first rib, to be undercut, extending in a straight line in an extension direction (A) of the mounting plate (10), and into which the at least one holding element (25, 26) is insertable for fixing [[the]] an electronic component (12) in place, wherein at least one holding element is embodied as a groove insert (26) which includes a base part (26.1) insertable into the first groove (20), a top part (26.2) protruding from the first groove (20) and a fastening section (26.4) protruding transversely from the top part (26.2) and spaced apart from a mounting level of the mounting plate (10) and the fastening section (26.4) includes at least one threaded bore (26.5) into which an attachment screw (34) can be rotated for fixing the electronic component (12) in place; the fastening arrangement having at least one of a second groove (22) or a second rib similar to the first groove (20) or the first rib and extending

parallel with respect to the first groove (20) or the first rib, with a distance (B') from the first groove (20) or the first rib substantially determined by a length of extension (B) of the electronic component (12) to be mounted, which runs perpendicularly with respect to the first or second grooves (20, 22) or the first or second ribs; the fastening arrangement having at least one of a further groove (24) or a further rib extending parallel with the second groove (22) or the second rib, similar to the first groove (20) or the first rib [[(20)]] and the second groove (22) or the second rib, which extends along the side ([[26]]29) of the second groove (22) or the second rib facing away from the electronic component to be mounted at a distance (C) which is less than the distance (B) between the first groove (20) or the first rib and the second groove (22) or the second rib, wherein at least one of the first groove (20), the second groove (22) or the [[next]] further groove (24) is embodied in one piece with the plate body; wherein the electronic components (12), which have screw holes, can be fastened by screws ([[28]]33, 34) directly on the holding elements (25, 26) inserted into the grooves (20, 22, 24) or the ribs, or can be fixed in place by strip-like holding elements (27, 28), which are attached one of indirectly and directly to the holding elements (25,26); the fastening arrangement comprising at least one angled sheet metal piece (30), and the electronic components (12) having holes with a spacing between each other that is one of less than the distance (B) between the second groove (22) and the first groove (20), and less than the distance of the [[next]] further groove (24) from the first groove (20), can be clampingly fixed in place at least on one side by an angled sheet metal piece (30) with at least one screw (32) engaging a spring nut inserted into a corresponding groove

(22), the angled sheet metal piece (30) having a flat base plate ([[34]]35) for placement against the mounting plate (10), a clamping area (36), which is angled with respect to it, for the clamping fixation of the electronic component (12) to be mounted, and at least one elongated hole (38) which extends perpendicularly (D) with respect to the direction (A) of extension of the second groove (22) or the still further groove (24), for receiving the screw (32); the fastening arrangement has at least one holding strip (27) which can be arranged transversely with respect to the grooves (20, 22, 24) and is dimensioned to span the distance between two grooves (20, 22; 20, 24) and can be fixed in place in end sections on both sides by threaded bores (25.3, 26.3) [[in end sections on both sides]] in at least one of the sliding blocks (25) and groove inserts (26) pushed into the respective grooves (20, 22, 24).

Claim 24: The mounting plate in accordance with claim 23, wherein at least one strip-like bridge (28) is displaceably insertable at a distance from the mounting level between two holding strips (27), which are arranged on both sides of [[a]] the electronic component (12) parallel with respect to each other, and at least one of the holding strip (27) and a bridge (28) has a row of threaded bores (27.1, 28.1) or a row of fastening holes.

Claim 25: The mounting plate in accordance with claim 27, wherein at least one strip-like bridge (28) is displaceably insertable at a distance from the mounting level between two holding strips (27), which are arranged on both sides of [[a]] the electronic component (12) parallel with respect to each other, and at least one of the holding strip

(27) and the bridge (28) is designed in an angular shape in cross section, or has at least one reinforcement rib.

Claim 26: The mounting plate in accordance with claim 27, wherein the at least one holding element is embodied as a groove insert (26) which includes a base part (26.1) insertable into the first groove (20), a top part (26.2) protruding from the first groove (20) and including the threaded bores ([[25.3,]]26.3), and a fastening section (26.4) protruding transversely from the top part (26.2) and spaced apart from a mounting level of the mounting plate (10), when inserted the groove insert (26) can be positioned over a portion of the electronic component (12) to be secured, the fastening section (26.4) being spaced apart from the mounting level a distance greater than a thickness of the portion of the electronic component (12) in a direction perpendicular to the mounting level, and the fastening section (26.4) includes at least one threaded bore (26.5) into which an attachment screw (34) can be rotated for fixing the electronic component (12) in place.

Claim 27: A mounting plate (10) for electronic components (12) having cooling conduits (16, 18) integrated in a plate body (14) for a cooling medium to flow through, wherein a fastening arrangement for mounting the electronic components is arranged on the plate body (14), the mounting plate comprising: the fastening arrangement includes [[at least one]] a first holding element (25, 26) with a first fastening screw thread (25.3, 26.5) and at least one of a first groove (20) or a first rib, to be undercut, extending in a straight line in an extension direction (A) of the mounting plate (10), and into which the at least one holding element (25, 26) is insertable for fixing [[the]] an

electronic component (12) in place; the fastening arrangement includes a second holding element (25, 26) with a second fastening screw thread (25.3, 26.5) and at least one of a second groove (22) or a second rib similar to the first groove (20) or the first rib and extending parallel with respect to the first groove (20) or the first rib, with a distance (B') from the first groove (20) or rib substantially determined by a length of extension (B) of the electronic component (12) to be mounted, which runs perpendicularly with respect to the first or second grooves (20, 22) or the first or second ribs; and the fastening arrangement includes at least one holding strip (27) which can be arranged transversely with respect to the first groove (20) and the second groove (22) and is dimensioned to span the distance between the first groove (20) and the second groove (22) and can be fixed in place in end sections on both sides by threaded bores (25.3, 26.3) [[in end sections on both sides]] in the [[at least one]] first holding element (25, 26) pushed into the first groove (20) [[or]] and the second holding element (25, 26) pushed into the second groove (22).

Drawings

6. The drawings were received on 9/14/09. These drawings are figures 1 to 7 (5 sheets).

7. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference character "26" has been used to designate both a "side" and a "groove insert" and reference character "34" has been used to designate both a "attachment screw" and a "base plate" (For purposes of the Examiner's amendment above, the side has been changed to element 29 and the base plate has been changed

to element 35). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

REASONS FOR ALLOWANCE

8. Claims 1, 3-9, 11, 13-20, and 22-27 are allowed due to the current applicant amendments and reasons indicating allowable subject matter set forth in the previous office action.

9. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. US 2008/0218966 is a similar application to the present invention by the same assignee.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert J. Hoffberg whose telephone number is (571) 272-2761. The examiner can normally be reached on 8:30 AM - 4:30 PM Mon - Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jayprakash Gandhi can be reached on (571) 272-3740. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RJH 9/18/09

/ROBERT J HOFFBERG/
Examiner, Art Unit 2835

/Jayprakash N Gandhi/
Supervisory Patent Examiner, Art Unit 2835